

Mark Purcell/R6/USEPA/US
08/31/2006 02:42 PM

To Donald Williams/R6/USEPA/US@EPA
cc
bcc
Subject Fw: Arsenic

Don,

It looks like the 5 - 40 ppm range covers most of our arsenic cleanup levels. See below.

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----- Forwarded by Mark Purcell/R6/USEPA/US on 08/31/2006 02:39 PM -----



DavidE
Cooper/DC/USEPA/US
08/31/2006 02:32 PM

To Matthew Charsky/DC/USEPA/US@EPA
cc Aaron Yeow/DC/USEPA/US@EPA, Mark
Purcell/R6/USEPA/US@EPA
Subject Re: Arsenic

Aaron has the latest wisdom on Arsenic. However, I do have a CERCLIS pull that we did in 1999 addressing this question and the range then was from 0.43 ppm to 1000 ppm (there were a couple at this level, but they were all mine tailings at Anaconda). If you exclude the Anaconda tailing, the highest level was 150 ppm in soil. Most cleanup levels were between 5 and 40 ppm.
Matthew Charsky/DC/USEPA/US

Matthew
Charsky/DC/USEPA/US
08/31/2006 03:17 PM

To Mark Purcell/R6/USEPA/US@EPA, DavidE
Cooper/DC/USEPA/US@EPA, Aaron
Yeow/DC/USEPA/US@EPA
cc
Subject Re: Arsenic

Mark,

I'm sending your message to David Cooper and Aaron Yeow in our Science Policy Branch.

If anyone knows this answer, they will.

Unfortunately, I can't promise that either one will respond this week, but we'll try.



668537

Hope this helps.

Matt
703-603-8777

Mark Purcell/R6/USEPA/US

Mark Purcell/R6/USEPA/US

08/30/2006 03:03 PM

To Matthew Charsky/DC/USEPA/US@EPA

cc

Subject Arsenic

Hi Matt,

I am trying to determine the range of cleanup values selected by EPA at Superfund sites for arsenic in soil. Any chance you may have that information or could find it?

We have an issue with arsenic in soil at the Chino Mine site (State Deferral), near Silver City, NM. The State is considering looking at an agricultural pathway (i.e., foodstuff pathway like poultry and eggs) in the human health risk assessment. This may drive down the arsenic levels that pose a carcinogenic risk to values significantly below our typical cleanup levels.

Any help would be appreciated.

Thanks,

Mark

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